

# THE NAPLES PIER: REBUILDING A LANDMARK



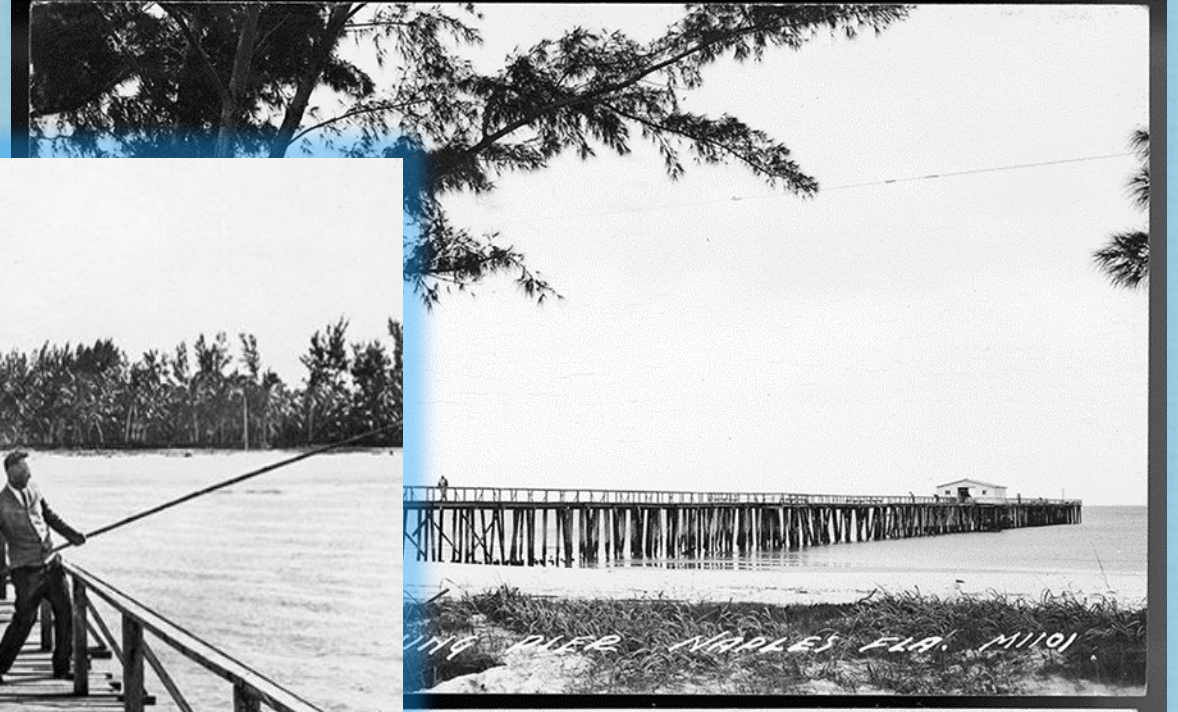
**TURRELL, HALL &  
ASSOCIATES, INC.**  
Marine & Environmental Consulting



# THE HISTORY

## A City of Naples Landmark For 134 Years

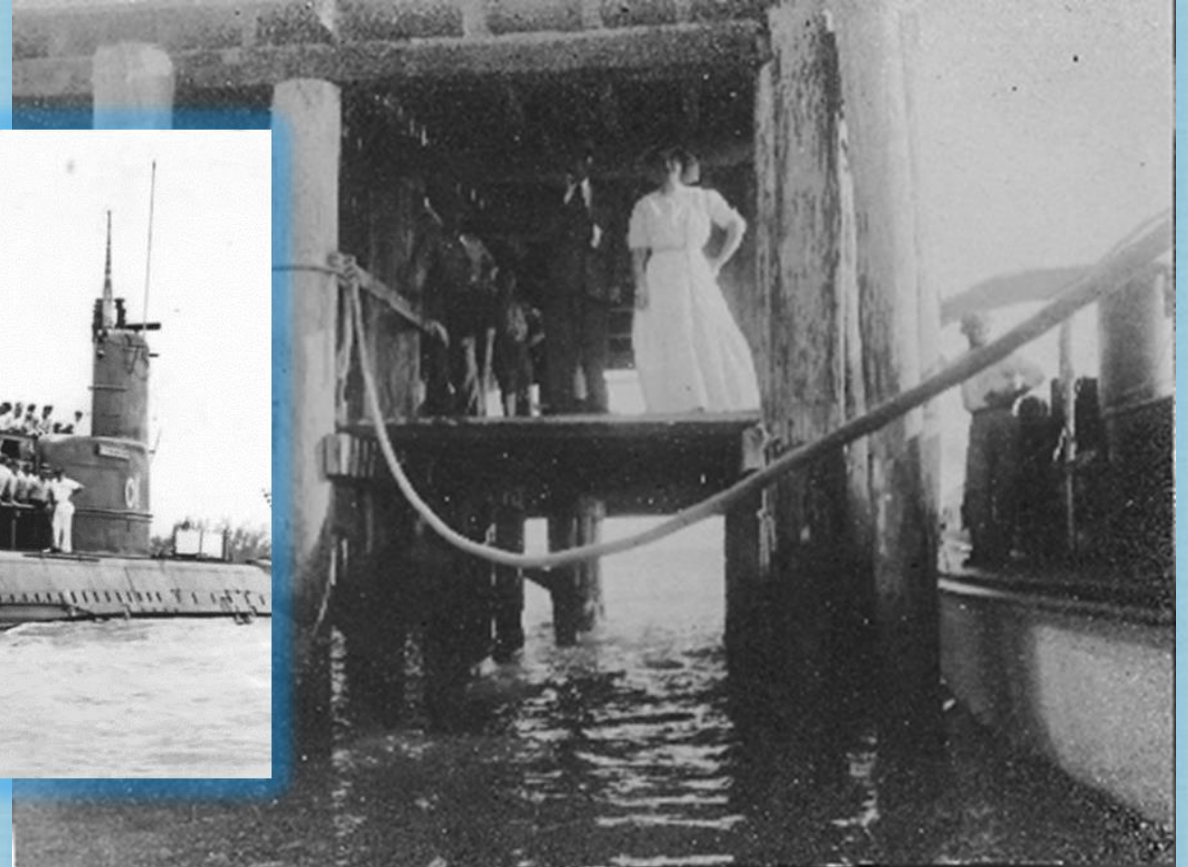
- Originally built in 1888, an essential piece of Naples development
- Rebuilt after the hurricanes of 1910, 1926, 1944 & 1960
- Gateway to Naples until arrival of train service at Naples Depo in 1927





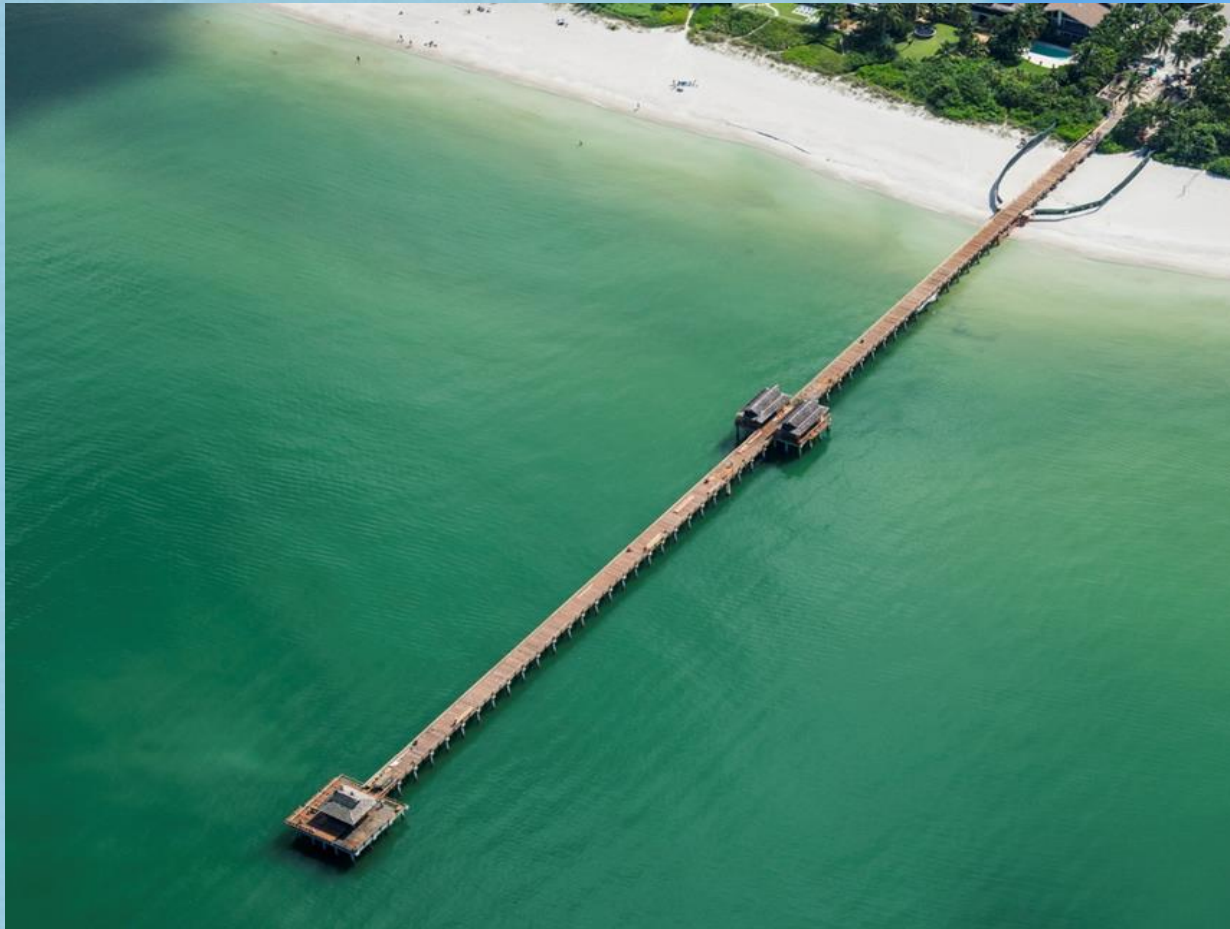
# THE HISTORY

- Old lower dock, used at low tide, to access ferry boats to and from Fort Myers
- In the 1950's, a submarine moored at the pier allowing locals a submarine tour





# 2015 RECONSTRUCTION





# 2017 HURRICANE IRMA

THA oversaw the construction to fix the damage to the wooden structures





# RECENT PILING REPAIRS

Following hurricane Irma repairs, THA has worked with the City of Naples to implement repairs to the concrete piles and bents.



**Old concrete encased pilings**



**New piles encased in modern pile jackets**



# 2022 HURRICANE IAN

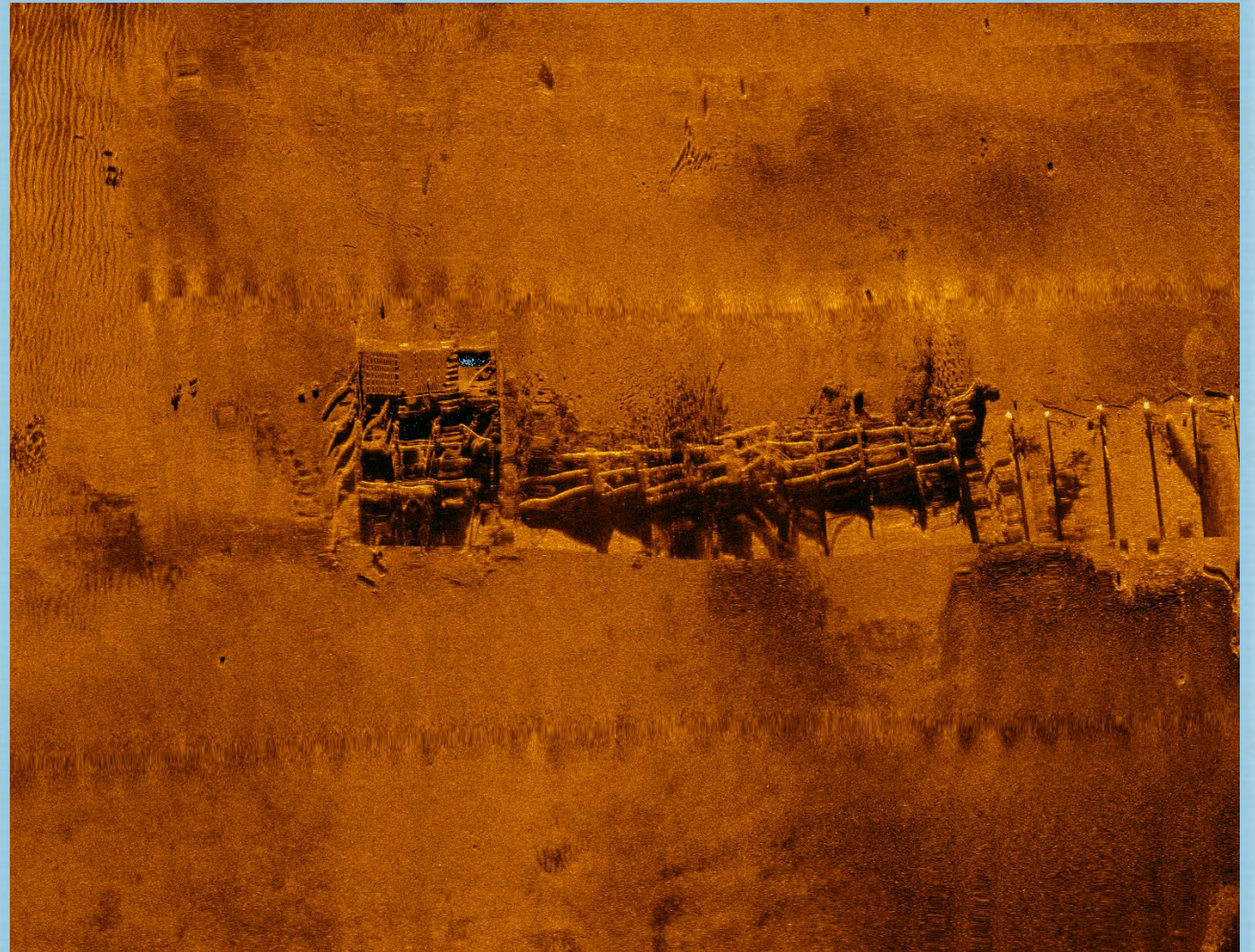
- Surge and waves crested the pier
- Pilings failed
- Deck sections missing
- Concession building walls failed
- Damage to pilings near beach
- Minor damage to shower area





# 2022 HURRICANE IAN

Side scan image of submerged pier





# 2022 HURRICANE IAN

Current condition of concession area





# 2022 HURRICANE IAN

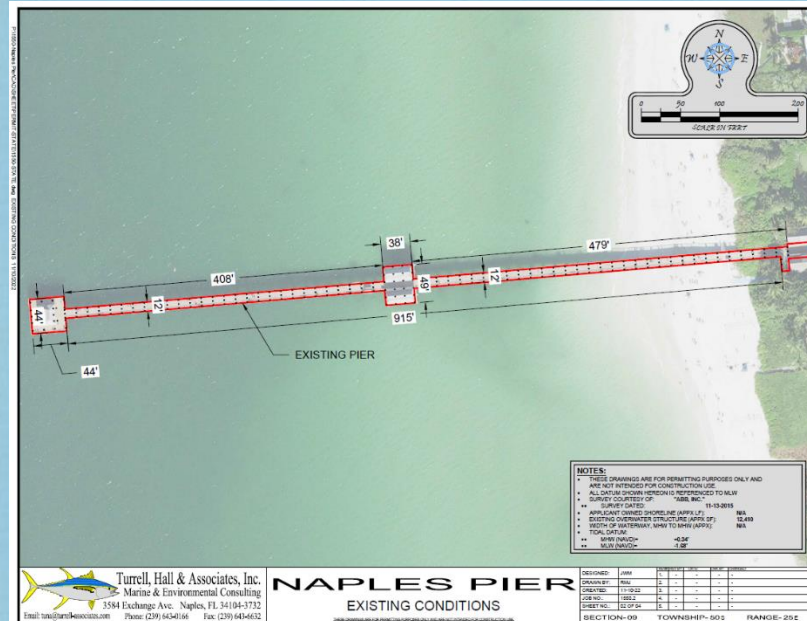
Can the pier be repaired?





# PERMITTING STATUS

- Florida Department of Environmental Protection
  - Environmental resource permit – In process
  - Coastal construction control line permit – In process
- US Army Corps of Engineers
  - Permit received 11/30/2022
- Alterations will require permit modifications



DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
1520 ROYAL PALM SQUARE BOULEVARD, SUITE 310  
FORT MYERS, FLORIDA 33919

November 30, 2022

Regulatory Division  
West Permits Branch  
Fort Myers Permits Section  
SAJ-1994-05286(NWP-HMM)

City of Naples  
c/o Travis Delashmet  
280 Riverside Circle  
Naples, Florida 34102  
Sent via email: [tdelashmet@naplesgov.com](mailto:tdelashmet@naplesgov.com)

Dear Mr. Delashmet:

Your request for authorization under emergency permitting procedures was received on November 22, 2022. Your proposal involves reconstruction of a 12,410 square foot municipal fishing pier in its previous configuration, including installation of 230, 14-inch concrete pilings by jetting. Previous reconstruction of the fishing pier was authorized under Corps permit number 199405286(LOP-SA), issued on December 14, 1994. Turbidity curtains shall be used throughout construction to prevent sedimentation of the adjacent waterbody.

The project would affect waters of the United States associated with the Gulf of Mexico at 25 12<sup>th</sup> Avenue South, Section 9, Township 50 South, Range 25 East, Naples, Collier County, Florida (Latitude: 26.131561°; Longitude: -81.80757°). The proposed activities are authorized under approved emergency permitting procedures in accordance with the terms and conditions specified below.

**Terms:**

1. You are authorized to undertake the activity described above pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403).
2. The proposed activities are authorized by Nationwide Permit (NWP) 3 (Maintenance). In order for this NWP authorization to be valid, you must ensure that the work is performed in accordance with the Nationwide Permit General Conditions, the Jacksonville District Regional Conditions, and the General and Project-Specific Special Conditions listed below. Please access the U.S. Army Corps of Engineers Jacksonville District's Regulatory Source Book web page for links to view NWP information at:



# PHASED CONSTRUCTION



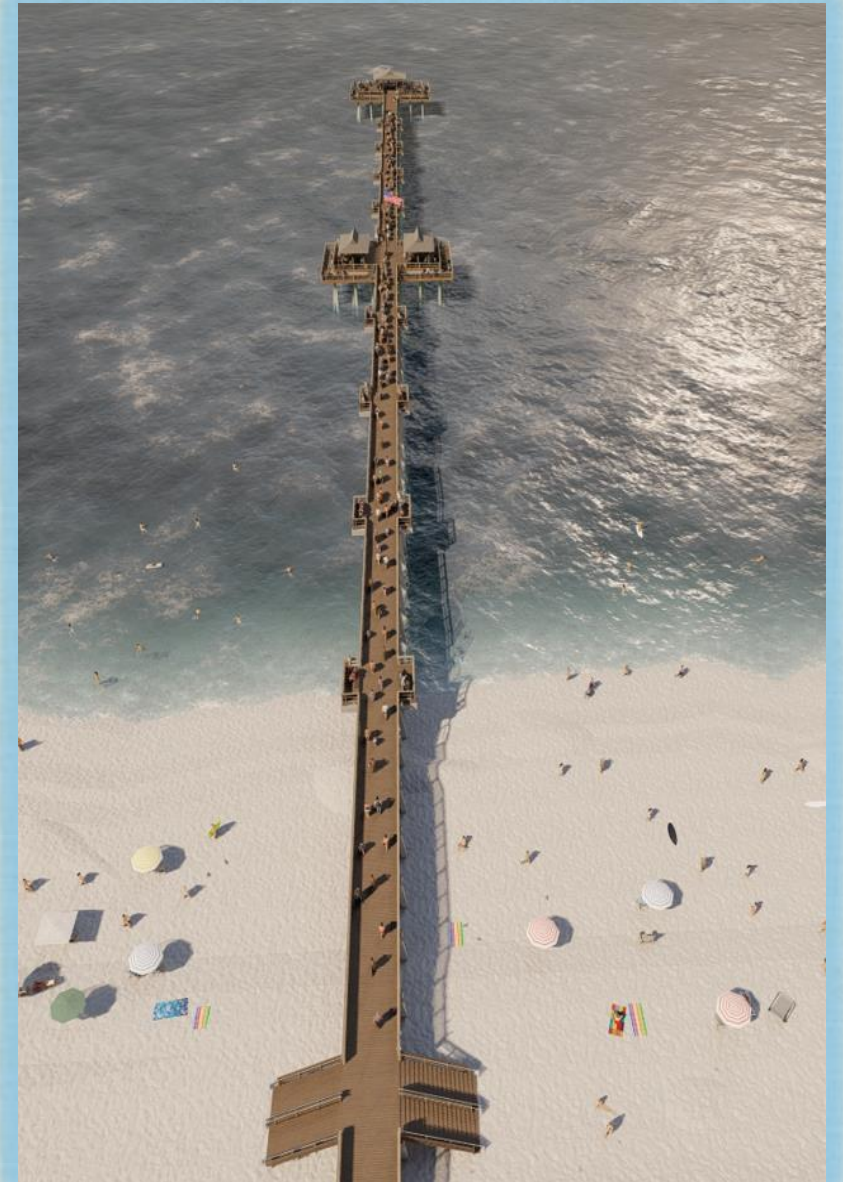
## Phase construction

- Open as much up to the public as quick as possible



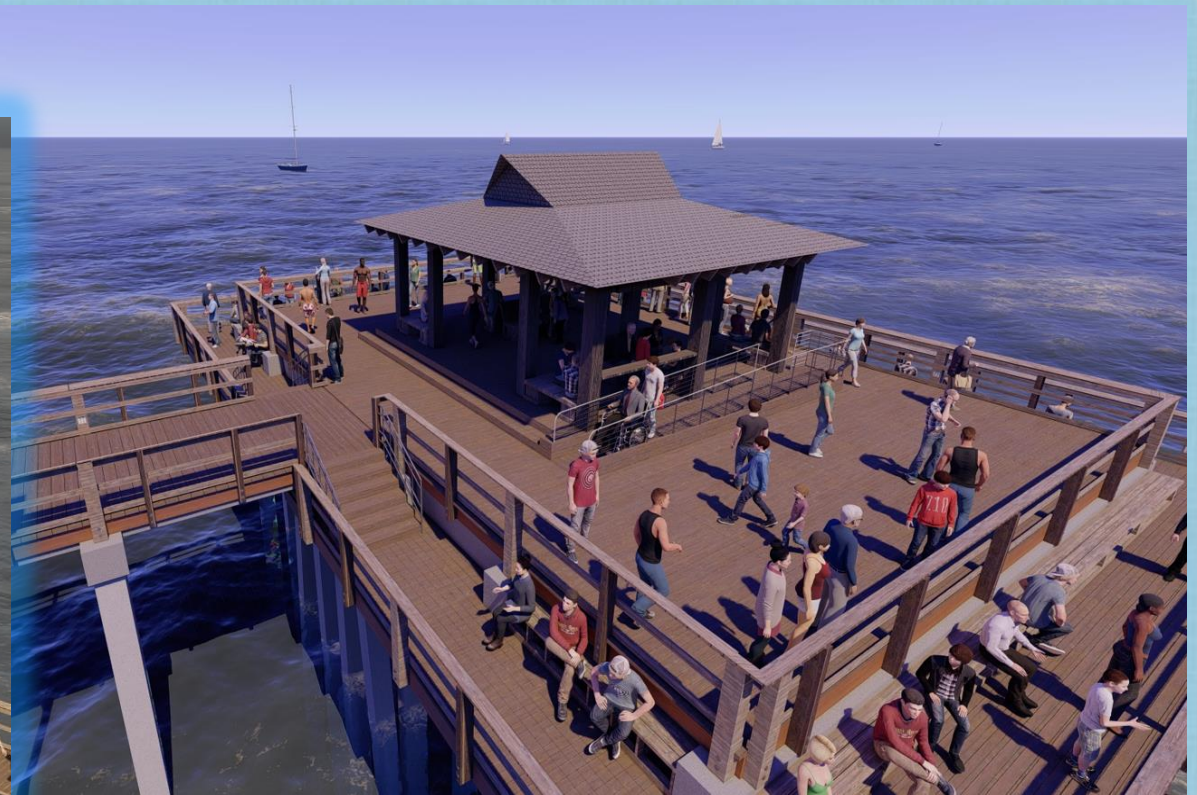
# INNOVATIVE DESIGN

- Implement improvements in structural design
- Opportunity to raise pier height





# HISTORIC LOOK WITH MODERN FORM & FUNCTION



- **Raised gazebo**
- **Fishing deck at current Pier height**



# BENCH AREA BUMP OUTS



- **Extend seating areas**
- **Less congestion**
- **Allows better views of the Gulf and beach**



# STAIR ACCESS

- **Move stairs closer to showers**
- **Wider staircases**
- **Less steps**





# CONCESSION AREA



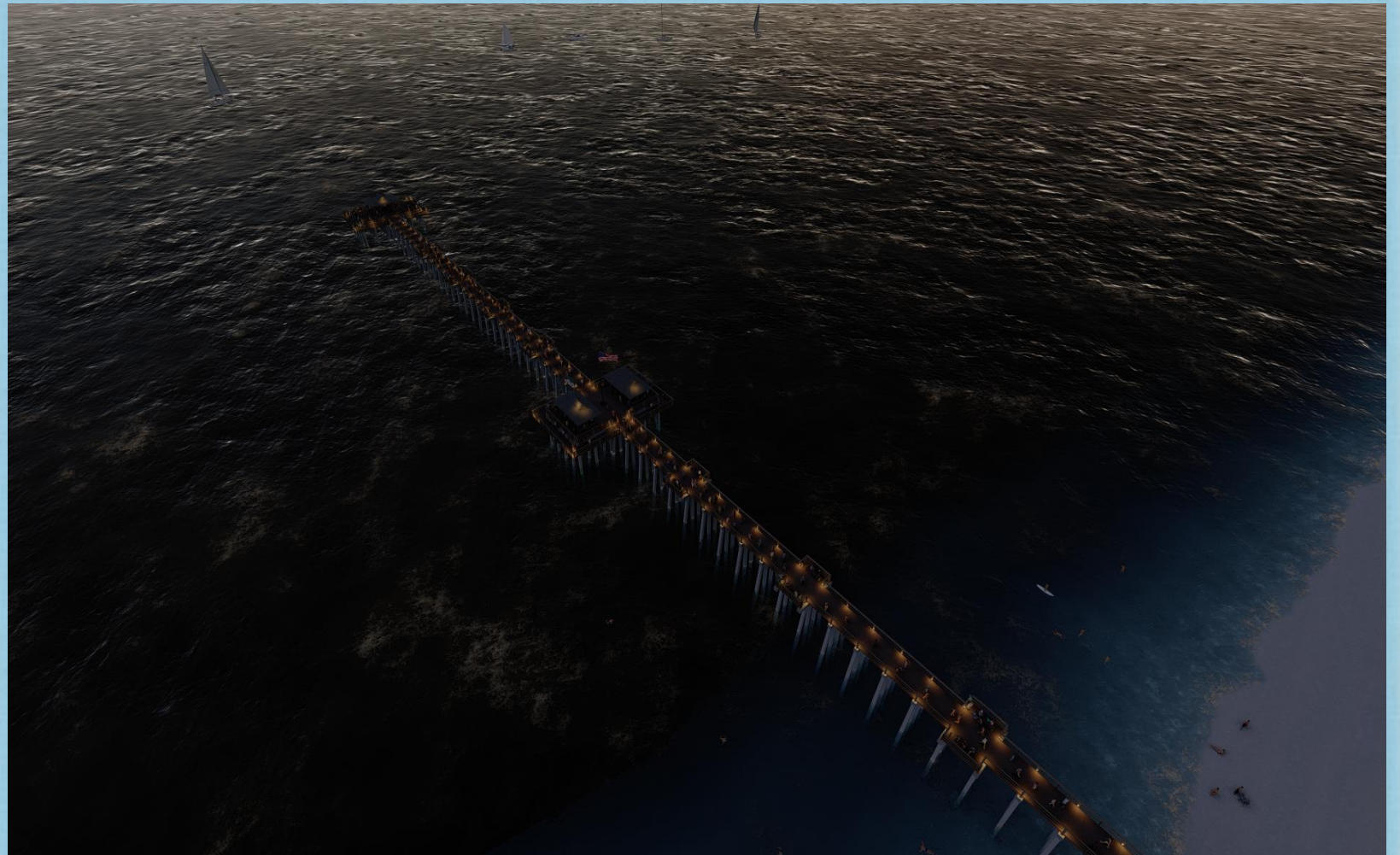
- Opportunity to move it upland
- Upland structures survived storm
- Expanded dining area
- Expanded shower area





# LIGHTING

- **Turtle compliant ingress/egress lighting**
- **Under deck lighting options**
- **Color themes**





# NEXT STEPS

- **Emergency permits**
  - **Expected by January 2023**
- **Finalize design**
  - **City workshops**
  - **Final concept**
  - **Structural design**
- **Permit modifications for improvements**
  - **Lower fishing decks, bump outs, moving the concession**
- **Select contractor**
  - **Sealed bid**
  - **CM at risk**
  - **Design/build**





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